

Alleles	Sequence A (allele-specific primer)	Sequence B (allele-specific primer)	Sequence C (common primer)
hCV			
hCV1129864	GAAGGAATCGCTTTCTGG (SEQ ID NO: 6608)	GAAGGAATCGCTTTCTGC (SEQ ID NO: 6609)	GGGTGATTACAAATTTCTGTAC (SEQ ID NO: 6610)
hCV11697322	CAGTTCGTGCTATTGAGAAAT (SEQ ID NO: 6611)	CAGTTCGTGCTATTGAGAAAC (SEQ ID NO: 6612)	CAAGAAACACGATCATCACAGAT (SEQ ID NO: 6613)
hCV11713583	GGCTTTTCTGCCAAGAA (SEQ ID NO: 6614)	GGCTTTTCTGCCAAGAG (SEQ ID NO: 6615)	GCAAGTTCGGTAGTAGATGATCA (SEQ ID NO: 6616)
hCV11916245	CAGGAGAGCCAGGATGG (SEQ ID NO: 6617)	GCAGGAGAGCCAGGATGT (SEQ ID NO: 6618)	CCAGGTAGCACTGAACACCTAA (SEQ ID NO: 6619)
hCV12011889	CTCACCTTCAGACCCC (SEQ ID NO: 6620)	CTCACCTTCAGACCCA (SEQ ID NO: 6621)	AAAGGACCCCTCAAAACG (SEQ ID NO: 6622)
hCV1387523	TGGGGTTGGGGTTCT (SEQ ID NO: 6623)	GGGGTTGGGGTTCC (SEQ ID NO: 6624)	TGTCCCTGTCCTCCTTCAG (SEQ ID NO: 6625)
hCV1575287	CCAGGTGATCCAGGAG (SEQ ID NO: 6626)	CCAGGTGATCCAGGAGC (SEQ ID NO: 6627)	TCCATGGCGAAATTTTG (SEQ ID NO: 6628)
hCV163035	GGAAGTGACAAACAAAACC (SEQ ID NO: 6629)	GGAAGTGACAAACAAAAC (SEQ ID NO: 6630)	CCGCCACGAGTCTCTA (SEQ ID NO: 6631)
hCV1985480	CAGCTGCTGCTGTCCAT (SEQ ID NO: 6632)	CAGCTGCTGCTGTCCAC (SEQ ID NO: 6633)	CATGAACCTGTCAATCTTCTCA (SEQ ID NO: 6634)
hCV22271781	GGTGGTGATCCAGTCAC (SEQ ID NO: 6635)	GGTGGTGATCCAGTCAT (SEQ ID NO: 6636)	TCTGTTTTGGCACCATTTAC (SEQ ID NO: 6637)
hCV22274508	TTCTGACATTTCTTTCTGTCA (SEQ ID NO: 6638)	TTCTGACATTTCTTTCTGTCT (SEQ ID NO: 6639)	TGGAGTGGGCTCTTCTAC (SEQ ID NO: 6640)
hCV2536595	CATCCCCGGCCCAT (SEQ ID NO: 6641)	CATCCCCGGCCAC (SEQ ID NO: 6642)	CCTCCAGAGAAGAAGACAC (SEQ ID NO: 6643)
hCV2567435	GGGTTAGGTTTATAGCT (SEQ ID NO: 6644)	GGGTTAGGTTTATAGCC (SEQ ID NO: 6645)	TGTCCTCTCAGAGTGAC (SEQ ID NO: 6646)
hCV27150310	GTATGTTTGCTGCCATTG (SEQ ID NO: 6647)	TGATGTTTGCTGCCATTAA (SEQ ID NO: 6648)	GAGCAATTCCTGATTTTGATAA (SEQ ID NO: 6649)
hCV27150326	AGATGGGAAGCATGTAAAC (SEQ ID NO: 6650)	AGATGGGAAGCATGTAAT (SEQ ID NO: 6651)	GGGCATTCCTCTCACTATG (SEQ ID NO: 6652)
hCV27493749	CCTCCAGGGCTTGAGG (SEQ ID NO: 6653)	CCTCCAGGGCTTTAGTA (SEQ ID NO: 6654)	GAGTAGCCGCGTCTTCTC (SEQ ID NO: 6655)
hCV3125472	ACCTCCAAGGAGATGCAC (SEQ ID NO: 6656)	CTCTCCAAGGAGATGCAA (SEQ ID NO: 6657)	CTTTCCCAAGCTTTCTCAAG (SEQ ID NO: 6658)
hCV3281637	CAGGCTTTGAGGATCTGG (SEQ ID NO: 6659)	TCAGGCTTTGAGGATCTGA (SEQ ID NO: 6660)	GGGCACCTGCTTTCTGAA (SEQ ID NO: 6661)
hCV8687513	TCAAGTCTCATTCACACCTT (SEQ ID NO: 6662)	ATCAAGTCTCATTCACACCTTA (SEQ ID NO: 6663)	CTTGACACTCTTAACACTTATAC (SEQ ID NO: 6664)
hCV8705506	CCACTTCGGGTTCTCTC (SEQ ID NO: 6665)	CCACTTCGGGTTCCGTG (SEQ ID NO: 6666)	CCCTGGCTTCAACATGA (SEQ ID NO: 6667)
hCV8726337	CACATTCACGGTCACTCT (SEQ ID NO: 6668)	CACATTCACGGTCACTCT (SEQ ID NO: 6669)	CATTGCCGAGCTCAA (SEQ ID NO: 6670)
hCV8863093	GCCTGCTGTAAGCTCGG (SEQ ID NO: 6671)	GCCTGCTGTAAGCTCGC (SEQ ID NO: 6672)	CCCAAGTCCCTCTCTATCA (SEQ ID NO: 6673)
hCV940309	GCCTTTGTGACCACACCA (SEQ ID NO: 6674)	GCCTTTGTGACCACACCG (SEQ ID NO: 6675)	CTCCCTCAAGCTCTGACCTT (SEQ ID NO: 6676)

TABLE 6

CL001511

Marker	Gene	Typed in Discovery and Replication?	Study	Genotyping	Stratum	Allele1	Case Freq	Control Freq	Allelic p-value	Odds Ratio
hCV163035	hCG95980	Replicated	Discovery	Pool	All	T	0.647971386	0.696763421	0.027764206	0.801076717
hCV163035	hCG95980	Replicated	Replication, All Cases	Pool	All	T	0.676508911	0.710320615	0.030939947	0.85285337
hCV8863093	hCG22818	Replicated	Discovery	Pool	All	G	0.723012704	0.772056569	0.015245492	0.770662159
hCV8863093	hCG22818	Replicated	Replication, All Cases	Pool	All	G	0.746751505	0.785857818	0.007538905	0.803502956
hCV8863093	hCG22818	Replicated	Replication, All Cases	Pool	RF+	G	0.748426071	0.785807503	0.019529029	0.810907574
hCV8863093	hCG22818	Replicated	Replication, Probands	Pool	RF+	G	0.744128659	0.785807503	0.027156193	0.79271024
hCV8863093	hCG22818	Replicated	Replication, Probands	Pool	All	G	0.749444758	0.786967283	0.028907246	0.809703025
hCV22274508	hCG17514	no	Discovery	Pool	All	A	0.298966492	0.350156567	0.018279848	0.791462237
hCV27150310	hCG25461	no	Discovery	Pool	All	T	0.331861068	0.384693816	0.018631334	0.79444823
hCV27150326	hCG25461	no	Discovery	Pool	All	T	0.267477656	0.311227693	0.037364057	0.808098082
hCV27493749	hCG22935	no	Discovery	Pool	All	T	0.094309823	0.06068761	0.007383834	1.611711427
hCV3125472	hCG43706	no	Discovery	Pool	All	T	0.043152465	0.069400644	0.016540249	0.604730844
hCV3281637	hCG39697	no	Discovery	Pool	All	T	0.479850134	0.54284765	0.006642422	0.77689106
hCV8687513	hCG34285	no	Discovery	Pool	All	T	0.906133628	0.869774185	0.015990721	1.445349201
hCV940309	hCG43698	no	Discovery	Pool	All	G	0.977586304	0.954931467	0.007122917	2.058461989
hCV1985480	hCG14741	no	Discovery	Pool	All	G	0.86735496	0.905386564	0.009020449	0.683320767
hCV27150310	hCG25461	no	Discovery	Pool	All	T	0.331861068	0.384693816	0.018631334	0.79444823
hCV27150326	hCG25461	no	Discovery	Pool	All	T	0.267477656	0.311227693	0.037364057	0.808098082
hCV1575287	hCG14778	no	Discovery	Pool	All	G	0.071297561	0.033777372	0.00285458	2.196086489
hCV1129864	hCG26772	no	Discovery	Pool	All	G	0.115898089	0.158596606	0.007367128	0.695479472
hCV3281637	hCG39697	no	Discovery	Pool	All	T	0.479850134	0.54284765	0.006642422	0.77689106
hCV12011889	hCG23475	no	Discovery	Pool	All	T	0.917433036	0.947541682	0.013175181	0.615154343
hCV11916245	hCG27692	no	Discovery	Pool	All	T	0.698020575	0.772929802	0.00211362	0.679064387
hCV2567435	hCG40366	no	Discovery	Pool	All	G	0.37748986	0.333165248	0.048897742	1.213716878
hCV11697322	hCG27468	no	Discovery	Pool	All	G	0.739439317	0.778451911	0.046726092	0.807662416
hCV11713583	hCG1640727	no	Discovery	Pool	All	G	0.388672316	0.331516083	0.009688552	1.282023264
hCV1387523	hCG28718	no	Discovery	Pool	All	G	0.833961452	0.796165931	0.038214461	1.285908988
hCV2536595	hCG31810	no	Discovery	Pool	All	G	0.558344796	0.502956158	0.016575624	1.249348754
hCV8687513	hCG34285	no	Discovery	Pool	All	T	0.906133628	0.869774185	0.015990721	1.445349201
hCV8726337	hCG28476	no	Discovery	Pool	All	G	0.557472386	0.634032091	0.00622242	0.727134495
hCV8705506	hCG22931	no	Discovery	Pool	All	G	0.694333845	0.643186064	0.019056137	1.260161374
hCV27493749	hCG1641509	no	Discovery	Pool	All	T	0.094309823	0.06068761	0.007383834	1.611711427
hCV27493749	hCG22935	no	Discovery	Pool	All	T	0.094309823	0.06068761	0.007383834	1.611711427
hCV27493749	hCG1641508	no	Discovery	Pool	All	T	0.094309823	0.06068761	0.007383834	1.611711427
hCV22271781	hCG41527	no	Discovery	Pool	All	T	0.092790586	0.061628891	0.012242924	1.55735149